



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KENTUCKY
AGRICULTURAL AND INDUSTRIAL DEVELOPMENT BOARD

BENHAM QUADRANGLE
KENTUCKY-VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BIG STONE GAP 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by stereophotogrammetric
methods. Aerial photographs taken 1952. Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot grids based on Kentucky coordinate system,
south zone, and Virginia coordinate system, south zone
Red tint indicates areas in which only
landmark buildings are shown
Contours in strip mine areas compiled from 1952 photography
Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
There may be private inholdings within the boundaries of
the National or State reservations shown on this map.

To place on the predicted North American Datum 1983
move the projection lines 6 meters south and
10 meters west as shown by dashed corner ticks

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled from aerial photographs
taken 1976 and other source data. This information
not field checked. Map edited 1979
Boundary lines shown in purple compiled from latest
information available from the controlling authority

BENHAM, KY.-VA.
NW/4 BIG STONE GAP 15' QUADRANGLE
36082-H8-1F-024
1954
PHOTOGRAPHED 1979
DMA 4457 IV NW-SERIES Y853

This map was vectorized from USGS Benham Quadrangle, Kentucky-Virginia, 7.5 Minute Series,
by Eastham & Associates, 100 Cedar Street, Chesapeake, Ohio, 45615, (614) 967-8369.